

REMARKS

Applicant wishes to thank the Examiner for reviewing the present application and for re-considering the previous withdrawal of claims 12-36. Applicant acknowledges that claims 12-36 have been reintroduced and examined on the merits. Applicant also acknowledges that claims 37, 40-50 and 52-58 have been deemed allowable, and that claims 14, 15, 21, 22, 27, 28, 30 and 31 would be allowed if rewritten in independent form.

Claim Amendments

Claim 12 is amended to include the features recited in claims 13 and 14. As such, amended claim 12 corresponds to claim 14 rewritten in independent form, which has been deemed allowable. Claims 13 and 14 are cancelled, and the dependencies for claims 15 and 16 are amended accordingly.

Claim 25 is amended to include the features of claim 27. As such, amended claim 25 corresponds to claim 27 rewritten in independent form, which has been deemed allowable. Claim 27 is cancelled accordingly. Claim 25 is also amended inserting "signal" between "conducting" and "path" on lines 11 and 15 of the claim and inserting "conducting signal" prior to "path" on line 13 as suggested by the Examiner.

Claim 59 is amended replacing "controller" with "device" on the last line of the claim.

No new subject matter is added by way of these amendments.

Claim Objections

Claim 25 is amended as suggested and thus the objection thereto is believed to have been overcome.

Claim 29 is amended as noted above. Applicant advises that "memory device" is previously used in the claim.

Accordingly, Applicant believes that the Examiner's claim objections have been overcome.

Claim Rejections

As noted above, independent claims 12 and 25, as amended, correspond to claims 14 and

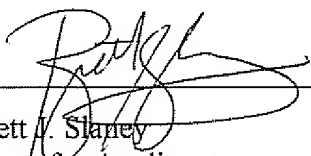
27 rewritten in independent form, which has been deemed allowable by the Examiner.
Therefore, the Examiner's rejections under 35 U.S.C. 102 and 103 in view of Jonaidi, Akram,
and Sanwo are rendered moot.

Accordingly, Applicant believes that claims 12, 15-26 and 28-36 are believed to be in
condition for allowance.

Summary

In view of the foregoing, Applicant believes that all objections and rejections have been
successfully traversed and that all pending claims, namely claims 12, 15-26, 28-37, 40-50 and
52-59 are in condition for allowance. Action to that end is respectfully requested.

Respectfully submitted,



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